

**KraftMar Design Services**

Naval Architects & Marine Engineers

Seattle 01/28/2013

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Mr. David Wilson  
Owner F/V Destination

Vessel: **F.V. DESTINATION**  
O. N.: 632374  
110' x 32'

Subject: **Stability**

Dear Mr. Wilson:

This letter confirms that based on current information the vessel Destination is safe to transit to fishing grounds and conduct fishing if operated in alignment with the conditions shown in the existing Stability Booklet prepared after the modifications in 1993.

The booklet shows the 32 foot wide vessel to have very proper stability with GM values in the range of 5.9 feet to 6.6 feet. Lower GM values usually mean reduced stability and GM values below 2 feet would cause one to be extra careful.

We have created a new hull computer model to use in all stability calculations. We compared loading conditions with and without the bulb and we found your GM values to be reduced only about 2 inches which is totally negligible when considering the high GM values you have. You should therefore be totally safe to operate the vessel in accordance with the current booklet.

The captain should still be reminded to be careful as he gets used to how the vessel behaves with the new bulb. And as always he should be careful in icing conditions and he should always take good care of the door leading out to main deck.

The vessel had some ice damage repaired during a shipyard stay in December 2012 and it had a bulbous bow constructed and added at the same time. The vessel has not been otherwise altered significantly since the latest modifications in 1993.

Please report to me any planned future significant weight changes, such as a change of crane or any major relocations of existing weights so we can record and track the changes properly until the next inclining test is performed. It is our understanding that you plan to perform a new inclining test sometime during the latter part of this year.

Please don't hesitate to call or e-mail at any time with your questions or any concern you may have.

Sincerely,

KraftMar Design Services, 4241 21<sup>st</sup> Ave W. Suite 300, Seattle WA 98199, T:206-282-1145